



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Gustafsson et al.

Attorney Docket No.:  
MXGNP004X1/0311.310

Application No.: 10/629,351

Examiner: UNASSIGNED

Filed: July 29, 2003

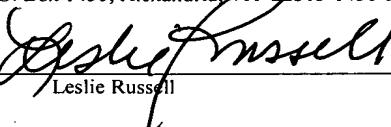
Group: 1645

Title: METHODS, SYSTEMS, AND SOFTWARE  
FOR IDENTIFYING FUNCTIONAL  
BIOMOLECULES

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 13, 2003.

Signed:

  
Leslie Russell

**INFORMATION DISCLOSURE STATEMENT**  
**37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

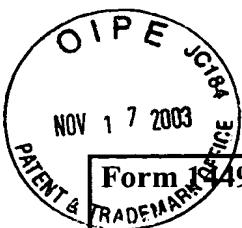
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. MXGNP004X1).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
Jeffrey K. Weaver  
Registration No. 31,314

P.O. Box 778  
Berkeley, CA 94704-0778


**Form 1849 (Modified)**
**Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No. MXGNP004X1/0311.310 Application No.: 10/629,351  
 Applicant: Gustafsson et al.  
 Filing Date July 29, 2003 Group 1645

**U.S. Patent and Publication Documents**

Examiner Initial	No.	Patent or Pub No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	2000/0048772	4/25/02	Dahiyat et al.			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1	WO03/055978	7/10/03	WIPO			X	

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	Ness et al., "Synthetic Shuffling Expands Functional Protein Diversity by Allowing Amino Acids to Recombine Independently," Nature Biotechnology, Vol. 20, 1251-1255 (2002)
	C2	Kolkman et al., "Directed Evolution of Proteins by Exon Shuffling," Nature Biotechnology, Vol. 19, 423-428 (2001)
	C3	Voigt et al., "Computationally Focusing the Directed Evolution of Proteins," Journal of Cellular Biochemistry Supplement 37:58-63 (2001)
	C4	
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.